

YOUTH SERVICES NOTES

Week of December 7, 2015

No. 230

Alexandria Library

"Make a Musical Instrument" Program

Our "Make a Musical Instrument" program [was offered] recently with the lesson from the *Picture Perfect Science* book. . .

It went very well! We had 18 children and 8 adults attend, which is a very strong showing for our evening programs. We began the program with a short lesson science lesson on sound. The biggest hits of the lesson were kids learning that sound travels fastest through solids and (based on a kid question) learning how helium makes your voice high pitched.

For the activity, we put out a lot of materials onto two tables and let the kids explore, though staff were available to help and provide instruction if they wanted it. We had balloons, cans, corks, plastic pellets, beads, cotton balls, paper bowls, empty water bottles, rulers,



boxes, dowels, and straws - enough materials that kids could make a percussion, string, or wind instrument. The biggest hit was the balloon can

drums with corks, pellets, and beads inside. Kids started off making with instruction and then started getting creative with the supplies. We had some very unique instruments and a few do it all one-man-band type of instruments.

[These] photos were taken during the program. This was the kick-off to our Curiosity Creates grant programming, for which we will be doing 21 individual and varied programs all under the title of STEAMtivity. We are doing three more in December: an art program

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Lunar and Planetary Institute

Earth and Space Science Newsletter

<http://www.lpi.usra.edu/education/resources/news/index.cfm>

Included in this issue:


- Link to the Geminid Meteor Shower and more in *Calendar*
- Learn about a free webinars, training on lunar and meteorite disks, and summer workshops at *Workshops and Courses*
- Check out webinars, conferences, lectures, and more in *Events*
- Join competitions, contests, and fellowships in *Get Involved*
- Apply for *Grants and Awards*
- Connect to games, simulators, exhibits, books, and more in *Resources*
- Read about *Mission News and Science*,

Christine Shupla, Education Lead, Lunar and Planetary Institute, Email distribution list, December 4, 2015 

Buchanan County Public Library

Children's Literature Symposium

I was fortunate enough to attend the 2015 Children's Literature Symposium at Appalachian State University. The weekend long event was held November 6-7 on the Boone, North Carolina campus.

The theme was **Stories about Children with Disabilities**. Keynote speaker was author **Kathryn Erskine** speaking about the power of story. Concurrent breakout sessions featured Kathryn Erskine, Poet Laureate of North Carolina **Joseph Bathanti**, and the entertaining group **Poetry Alive**. I also got to tour the **Eric Carle display of prints** on the third floor of the Reich School of Education Building. I encourage all to treat yourselves to this getaway weekend next year! Kathy McNalley, Buchanan County Public Library 

The Library of Virginia

Mission

As the Commonwealth's library and archives, the Library of Virginia is a trusted educational institution. We acquire, preserve, and promote access to unique collections of Virginia's history and advance the development of library and records management services statewide.

Vision

The Library of Virginia will inspire learning, ignite imagination, create possibilities, encourage understanding, and engage Virginia's past to empower its future.

Finance

The Library's primary funding source is General Fund appropriations. The majority of the Library's General Fund expenses represent transfer payments to local government for state aid to public libraries. Additionally, the Library earns special nongeneral fund revenue from storage fees charged to agencies and courts for document and records storage and from local circuit court records' preservation fees.

The Library also receives federal grant funding through the Library Services and Technology Act (LSTA) of 1996. This grant promotes access to learning and information resources of libraries.

Goals

2014-2016

Collections:

Strengthen and Preserve the Library's collections and expand accessibility for the benefit of users.

Service:

Deliver courteous, accurate, and efficient information services to our customers.

Organizational Excellence:

Position the Library to effectively embrace new challenges and increasing responsibilities.

Educational Readiness and Achievement:

Engage and educate parents, teachers, and learners through programming designed to enhance early literacy readiness and to provide access to quality education resources for prekindergarten and K12 children.

This goal is critical in fulfilling the Library's mission to provide Virginians with access to the most comprehensive information resources and to elevate levels of educational preparedness and attainment of Virginia's citizens.

Associated State Goal

Education: Elevate the levels of educational preparedness and attainment of our citizens.

Education Attainment Objectives

- ◆ Increase the number of children who participate in the Winter Reading Program.
- ◆ Increase the number of children and teens who are served by public libraries through out-of-school programs and summer reading programs.
- ◆ Support the parent as a child's first teacher by implementing Early Literacy Activity Centers in public libraries and providing training on their use.

Youth Services Notes

is issued weekly by

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The Institute of Museum and Library Services is the primary source of federal support for the nation's 123,000 libraries and 17,500 museums.

Through grant making, policy development, and research, IMLS helps communities and individuals thrive through broad public access to knowledge, cultural heritage, and lifelong learning.

This newsletter project is made possible by a grant from the U.S. Institute of Museum and Library Services.

"Make a Musical Instrument" Program*Continued from page 1*

with Alexandria's Mobile Art Lab, a ping pong ball run challenge, and a program with MaKey MaKeys. We just got our grant money check right before Thanksgiving, so we should be getting our technology soon!

Diana Price, Youth Services Manager



Montgomery-Floyd Regional Library

Holiday Displays

Meadowbrook Library



Sarah Pahl, Youth Services Manager



Henrico County Public Library

Science Saturday –

“Let’s get ready to Roll, Slope and Slide: Ramps & Inclined Planes”

October 14, 2015 at Tuckahoe Area Library

Carolyn Heath

Seated beside a marble roller coaster made of paper, I began my program by reading Marla Frazee’s Roller Coaster. Next, I walked by each of the 6 stations, which were constructed mostly from common household items. I tried to keep the verbiage simple as I demonstrated each hands-on activity and then pointed to the more detailed scientific explanations posted on the wall near each of the stations. Some stations were simple, some were more complex; there were lots of balls and other “stuff”.

- 1) <http://paperrollercoasters.com> - Really works!
- 2) Ramp & different shaped objects - Will it roll? Will it slide? Will it stick?
- 3) Ramp covered with various textures, raised to different levels.
- 4) Ramp (bowling game) with round balls: same general size, varied mass.
- 5) Measurement of “work” using a bag of rice, rubber band & ruler.
- 6) Free play / construct a ramp area. The children loved it!

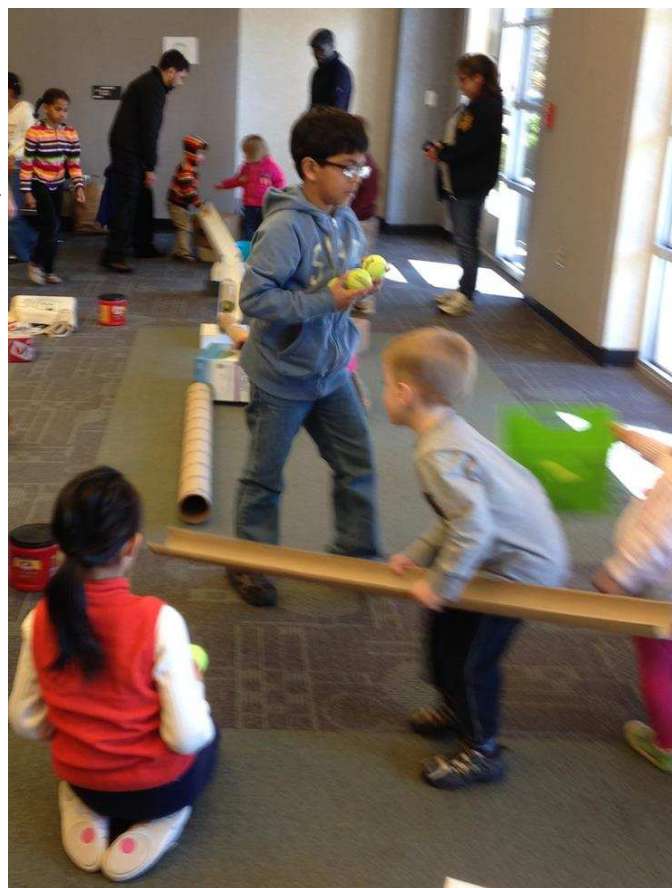


I asked the kids if they had enough room in their house to play like this. How about in their classroom? Isn’t it great that here at the library we can pull out all these materials and play with all these friends?...because a lot of learning happens through play. I suggested the parents hang back, step in if necessary, but allow the kids to try and figure things out. The tennis balls are stuck? Well, what do we know about ramps? One end needs to be... oh, yes! Higher! One child made a trap at the end to collect the balls. For a group of varying ages, who didn’t know each other, this group worked together to made the ramp / tunnel / tube system work! Let me repeat, the children loved it!

I always have a book display. I picked up the book Gravity by Chin. “How many of you have heard the word gravity? Here is a beautiful book, a great example of STEM non-fiction picture books.” I explained that my programming focus is usually preschool early literacy. “If a child has heard a word before and knows what it means, it will be easier for the child to learn to read the word when they start learning to read. Science, Technology, Engineering and Math - they all have their own vocabularies.”

Have fun!

P.S. To all who so freely share their videos, pins, lesson plans, etc. Thank you!



More photos on the next page

Science Saturday – “ Let’s get ready to Roll, Slope and Slide: Ramps & Inclined Planes”

Continued from page 4



Will the object roll, slide or stick? A variety of objects produced surprising results.



Surface Texture & Elevation affect the speed of an object going down an Inclined Plane.



All “round” things do not behave the same way. Shape & Mass matter in this racing / bowling game.



Dates to Remember

Virginia Conferences

May 2, 2016 VLA Professional Associates Annual Conference Williamsburg
 October 26-28, 2016 VLA Annual Conference Hot Springs

National Conferences

April 5-9, 2016 Public Library Association 2016 Conference Denver
 June 23-28, 2016 American Library Association Annual Conference Orlando
 September 15-17, 2016 ALSC National Institute 2016 Charlotte
 November 4-6, 2016 YALSA's 2016 YA Services Symposium Pittsburgh

Webinars

December 9, 2015 McREL Study on the Impact of the Summer Reading Program 10:00 a.m.
 December 10, 2015 McREL Study on the Impact of the Summer Reading Program 2:00 p.m.



Thanks for the photos and information!

- ◇ **Diana Price**, Alexandria Library
- ◇ **Kathy McNalley**, Buchanan County Public Library
- ◇ **Carolyn Heath**, Henrico County Public Library
- ◇ **Sarah Pahl**, Montgomery-Floyd Regional Library